



# PhD Position in Quantum Machine Learning (QML)

The Indraprastha Institute of Information Technology, Delhi (IIIT-Delhi) invites applications for a fully-funded PhD position (rolling round) in the exciting and rapidly evolving field of **Quantum Machine Learning (QML)**.

We are seeking a highly motivated and talented student to join our research group and contribute to cutting-edge research at the intersection of quantum computing and machine learning. The research project is in collaboration with Queensland University of Technology, Brisbane, Australia, and is funded by Australia-India Strategic Research Fund (AISRF).

## Requirements

The ideal candidate should possess the following qualifications:

- **Hands-on Experience:** Demonstrated practical experience with Quantum Machine Learning (QML) tools, libraries, and frameworks (PennyLane, Cirq, Qiskit, QuTip, etc.) with preferably Colab notebooks/Github repositories containing QML projects.
- **Foundational Knowledge:** A strong conceptual understanding of the core principles of both Quantum Computing and Classical Machine Learning.
- **Educational Background:** B.Tech or M.Tech. degree in Computer Science, Electronics and Communication Engineering, or Electrical Engineering, or a related discipline.

## About the IIT-Delhi PhD Program

IIT-Delhi is committed to fostering world-class research and providing comprehensive support to its PhD scholars.

Feature	Description
Monthly Stipend	₹60,000 (Indian Rupees Sixty Thousand) per month.
Travel Support	Liberal financial support for attending national and international conferences, workshops, summer and winter schools.
Overseas Research	Opportunity to spend a significant duration in an overseas laboratory for collaborative research.
Computing & Equipment	Fully-funded support for a high-end laptop and other necessary computing expenses.

## Application Process

Interested candidates are requested to submit the following documents to

Debajyoti Bera ([dbera@iiitd.ac.in](mailto:dbera@iiitd.ac.in)) or A V Subramanyam ([subramanyam@iiitd.ac.in](mailto:subramanyam@iiitd.ac.in)).

1. Curriculum Vitae (CV)
2. Statement of Purpose (SOP) detailing research interests in QML.
3. Copies of relevant academic transcripts.

**Application Deadline:** Mar 31, 2026

Shortlisted candidates will be contacted for an interview.

## About the Research Groups

- Visual Conception Group, IIITD ([link](#))
- Quantum Algorithms Group, IIITD ([link](#))
- SAIVT, QUT ([link](#))

## About IIIT-Delhi

The Indraprastha Institute of Information Technology, Delhi, is an autonomous university established by the Government of NCT of Delhi. Located in Okhla Phase-3, IIIT-Delhi has quickly established itself as a leading research-focused institution in India. Our vibrant academic environment and state-of-the-art facilities provide the perfect setting for advanced research. IIIT-Delhi houses both the [Center for AI](#) and [Center for Quantum Technologies](#).

For more details on the PhD program and admission process, please refer to these webpages:

- PhD Program <https://www.iiitd.ac.in/academics/phd>
- Rolling PhD Admission <https://www.iiitd.ac.in/admission/phd/rolling>